

Fig. 1

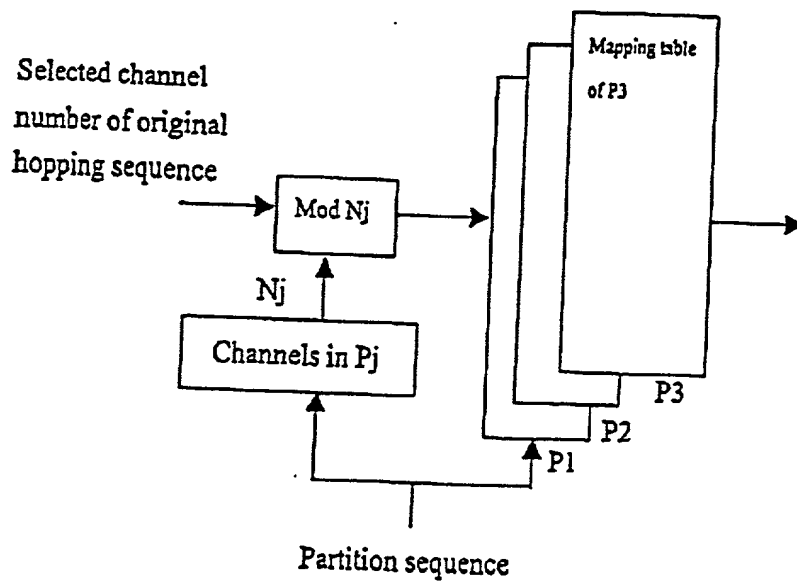


Fig. 2

FIG. 3

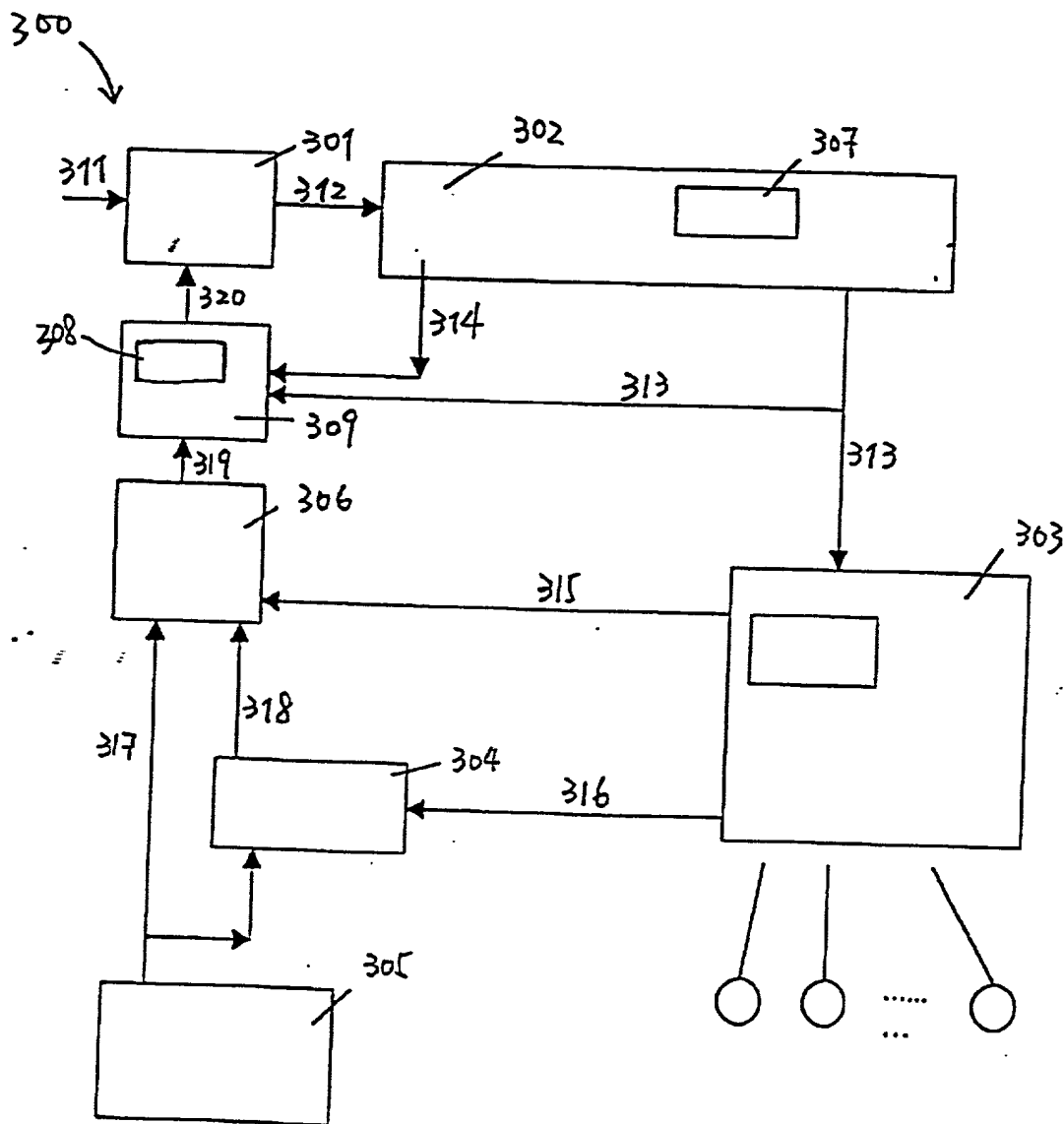


Fig. 3

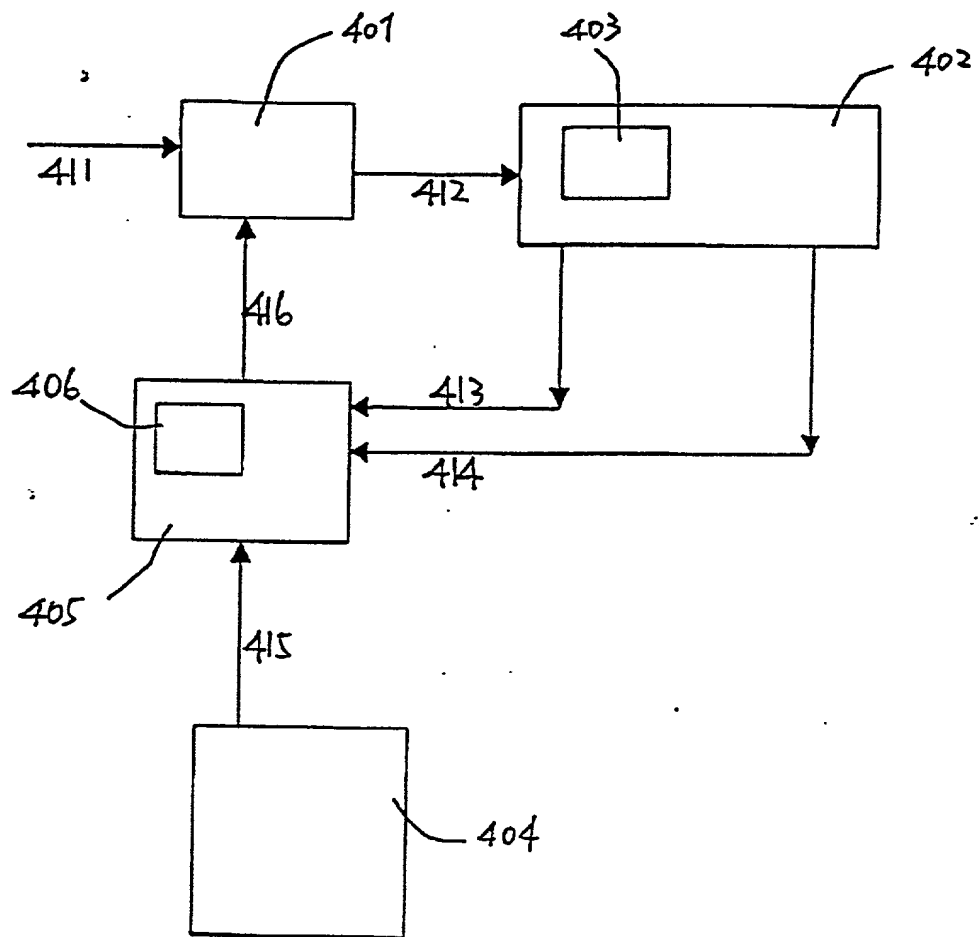


Fig. 4

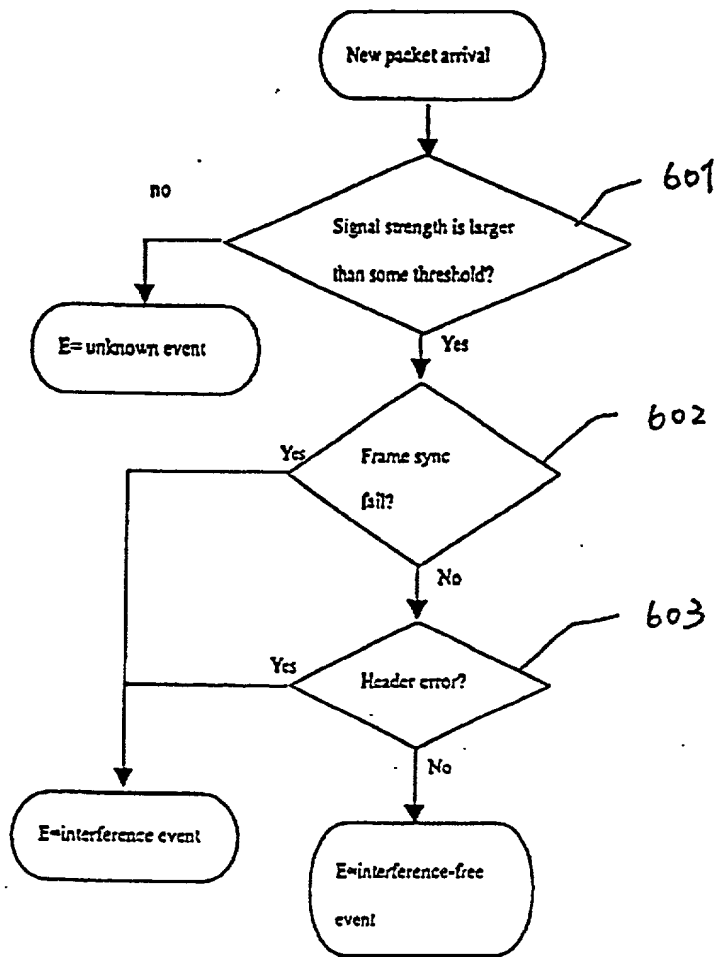


Fig. 6

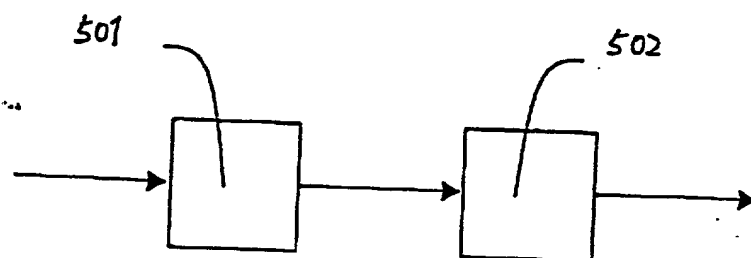


Fig. 5

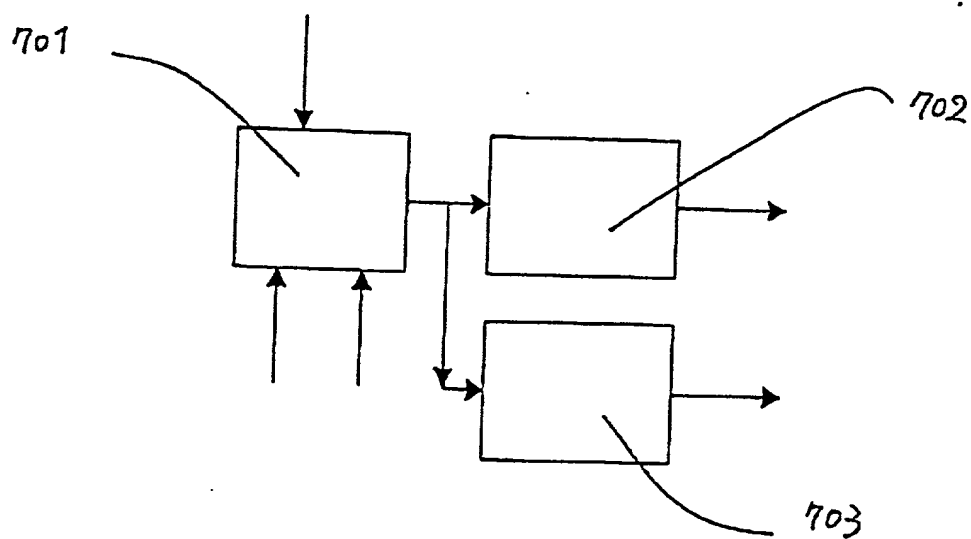


Fig. 7

800

measuring N_p data collision ratios respectively corresponding to N_p partitions, responsive to a RF signal, said N_p data collision ratios having value of $R(i)$, i being from 1 through N_p and denoting an i th partition

801

selecting a partition sequence from Q partition sequences, said partition sequence having a smallest value of a selection value $H(p)$, wherein the selection value is a summation of $(R(i) * \text{number of occurrence of the } i\text{th partition in each of } Q \text{ partition sequences})$, p being from 1 through Q and denoting p th partition sequence;

802

mapping the first sequence of M channels to the selected partition sequence to produce a second sequence of M channels

803

responsive to a control signal, selecting one of the first sequence and the second sequence as the hopping sequence

804

Fig 8

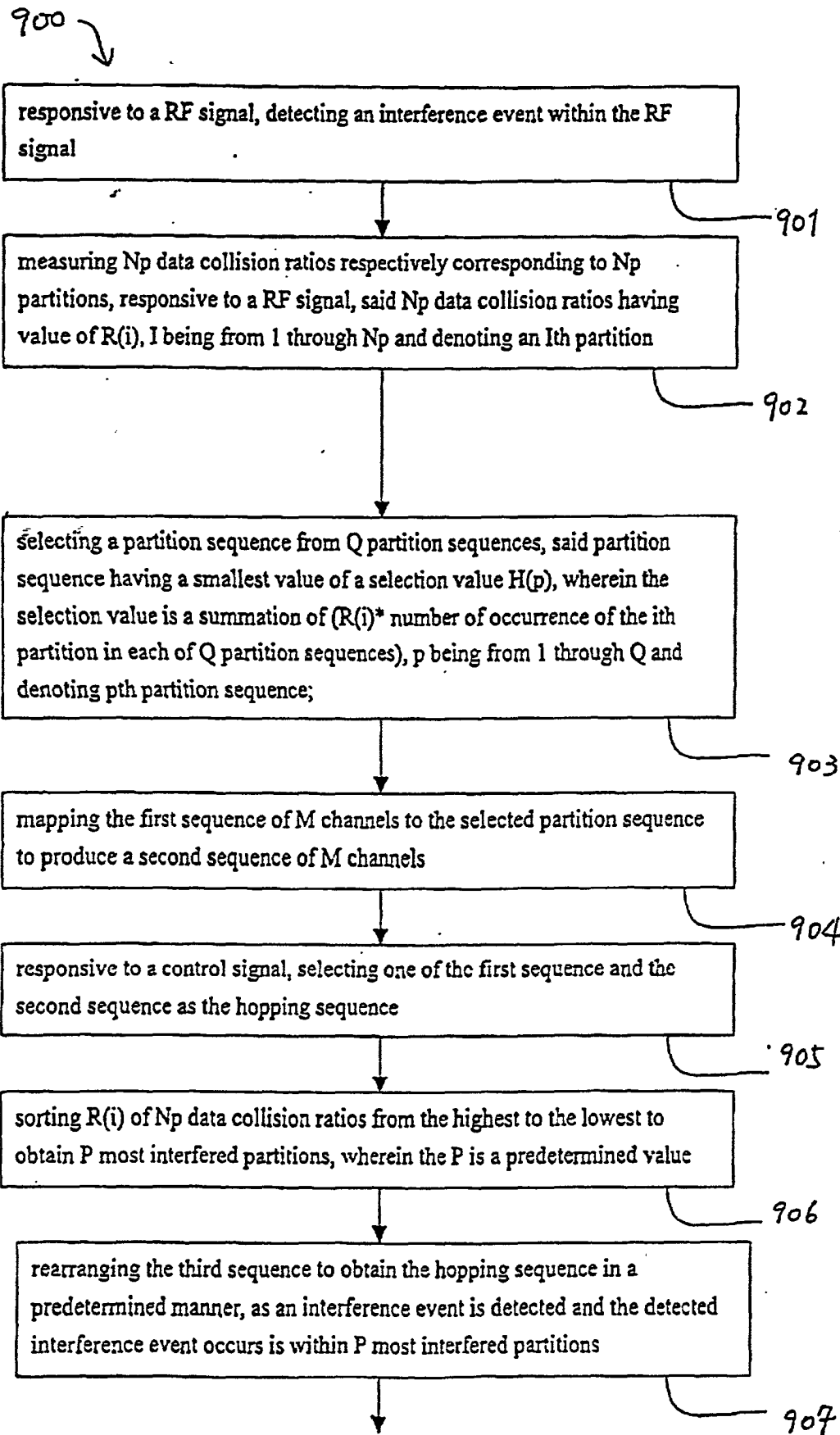


Fig. 9

1000

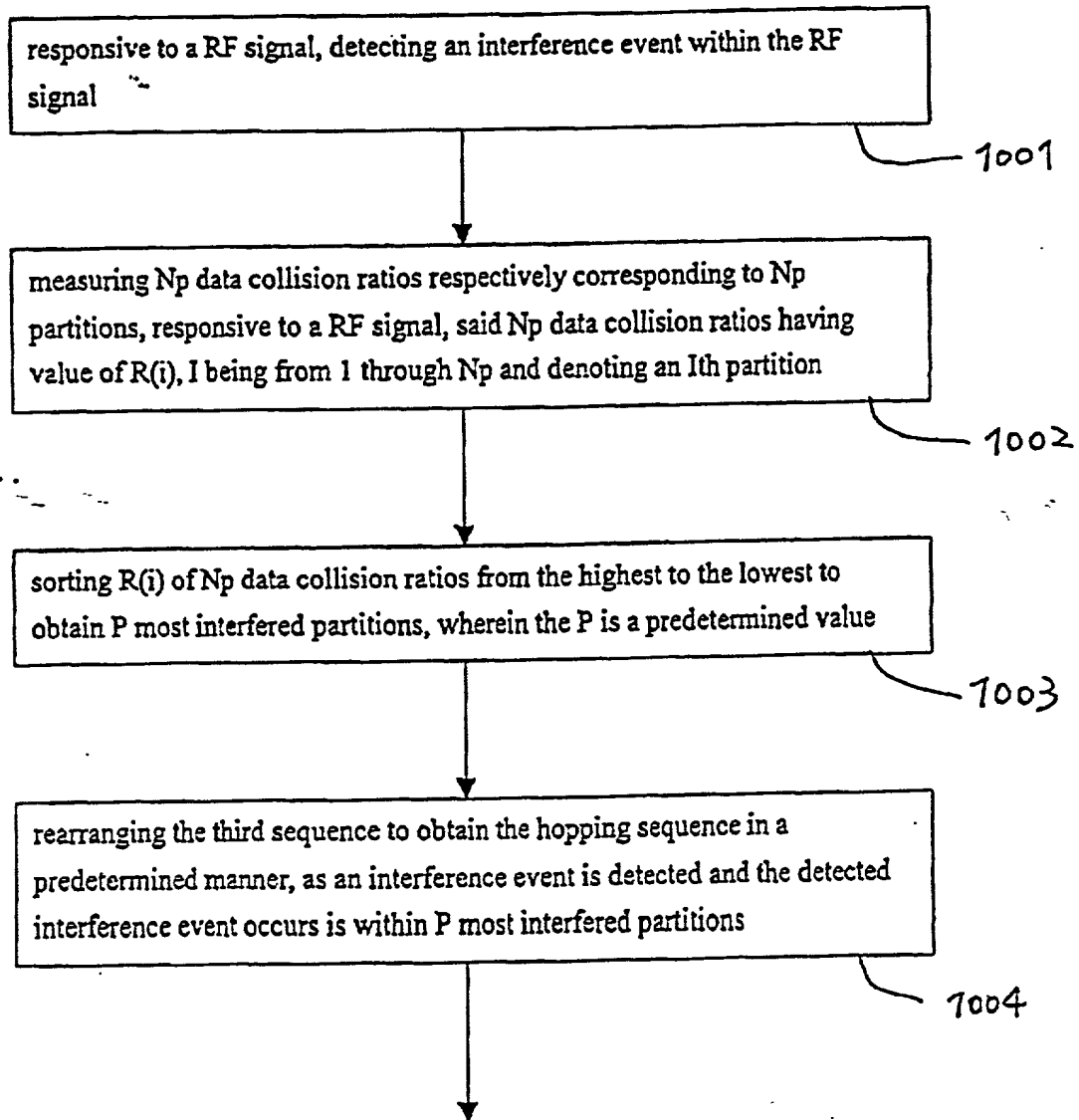


Fig. 10

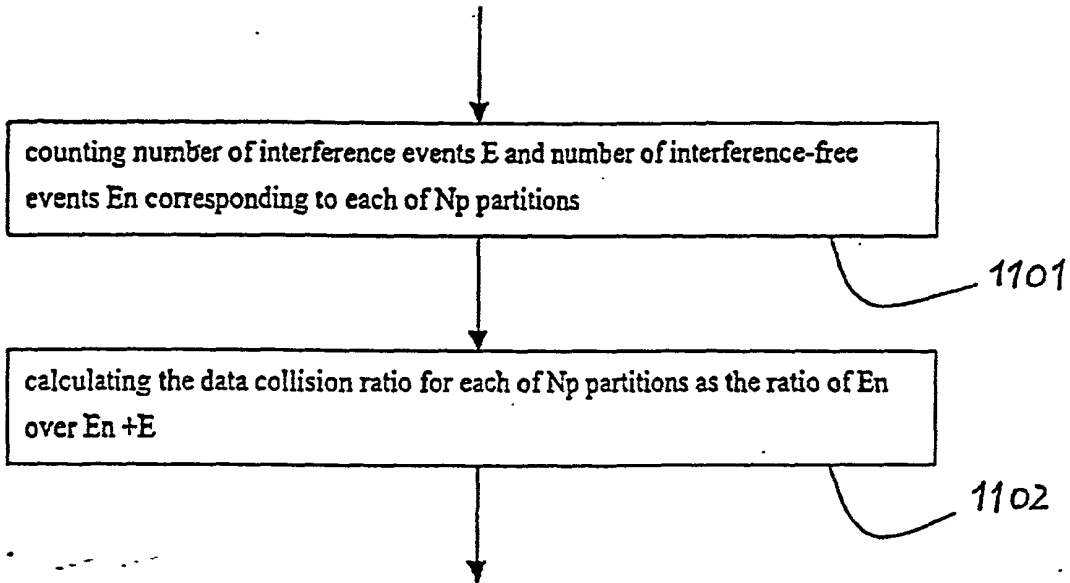


Fig. 11

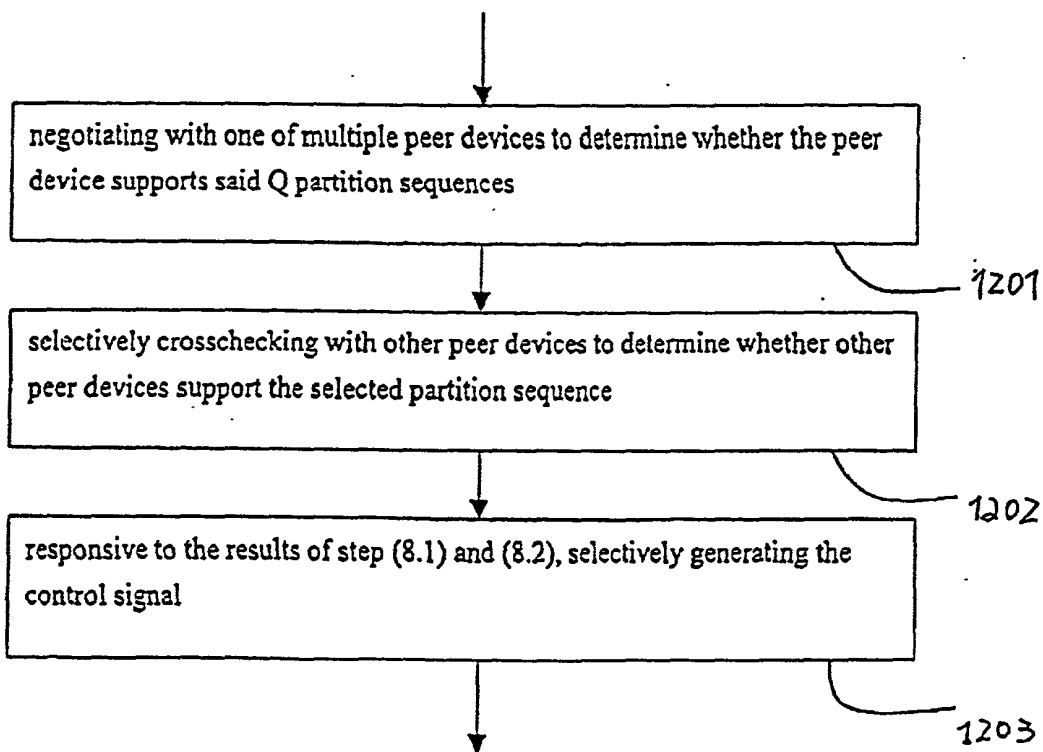


Fig. 12